

Vulcanisation of Methylvinylsiloxane Rubber
with A Low Vinyl Group Content by Means of
Gamma-Radiation, by S. V. Averyanov, I. A.
Poddubnyi, 5 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XX, No 12,
1961, pp 1-6.

RAPRA

Sci

Nov 62

216,476

43
Cause and Prevention of Bends During
Decompression, by V. A. Averyanov,
P. M. Mikhaylov, 6 pp.
RUSSIAN, per, Gigenia Trad, No 10, 1962,
pp 25-30, 9227098
ACSL/64/412

Sci - Engr
Apr 65

V. A. AVERYANOV

277,896

(NY-6976)

Effect of High Air-Temperature on the
Emergence of Decompression Disease, by V.
A. Aver'yancov, 6 pp.

RUSSIAN, per, Patolog Fiz i Eksper
Terapiya, Vol 7, No 6, 1961, pp 36-39.

JPRS 13342

190,227

Sci - Med
Apr 62

The Effect of Low Ambient Temperature on the
Occurrence of Decompression Sickness, by
V. A. Aver'yanov, 7 pp.

RUSSIAN, per, Patologicheskaya Fiziologiya i
Eksperimental'naya Terapiya, Vol VI, No 3,
1962, pp 57-61.

JPRS 16215

Sol - Mad

217,663

Nov 62

(NY-6695)

Changes in the Level of the Maximum Permissible
Supersaturation of the Body With Nitrogen
With Frequent Repetition of the Experiments,
by V. A. Aver'yanov, P. M. Gremenitskiy,
A. A. Savich 5 pp.

RUSSIAN, per, Patolog Fiziol i Eksp
Terapiya, Vol V, No 4, Jul/Aug 1961,
pp 50-52.

JPRS 10841

Sci - Med
Nov 61.

174,564

Dynamics of Snow Cover at Vostok I. by V. G.
Averyanov,

RUSSIAN, per, Bull of the Soviet Antarctic
Expedition, Vol VI, pp 19, 1959

C.S.I.R.O. 117
University of Melbourne
Languages Section
Faculty of Sci

Sci
May 60

115,159

Stratigraphy of Devonian Terrigenous Rocks of
Udmurtia, by V. I. Aver'yanov, L. S. Fomina, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol CXLIX, No 1-6, Mar, Apr 1963.

Amer Geol Inst

Sci
Jul 65

Conditions of Formation of the Sarayli Unit of
Tataria, by V. I. Aver'yanov,

RUSSIAN, per, Geolog Nefti i Gaza, Vol IV, No 2-A,
1960.

RRG

Sci

Jul 62

204,019

On the Interrelation Between the Zoogeographic
Provinces of the Central and Eastern Sectors
of the Russian Platform During Eifelian Time, by
V. I. Averyanov, 3 pp.

RUSSIAN, Tr. Dok Ak Nauk SSSR, Vol CXXXII, No 4,
1960, pp 888-891.

AGI

Sci

166, 262

Aug 61

Structural Interpretation of the Anomalous
Scattering of Visible Light in Sodium Borosilicate
Glasses, by N. S. Andreyev, V. I. Aver'yanov,
N. A. Voishville, 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 5,
1960, pp 1011-1021.

AIP
Sov Phys-Solid State

Sci

Jan 61

138,154

Some Data on the Stratigraphy of the Eifelian
Deposits of Tataria and Adjacent Territories
on the Basis of Ostracod Studies, by V. I.
Averyanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 2, 1959, pp 352-354.

AGI

Sci

154,621

Jun 61

The Kyn Rocks of Northeastern Tatars, by V. I. Avaryanov, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVIII, No 3, 1958, pp 549-552.

Consultants Bureau

Sci - Geophys

Jan 59

79,343

1762-N

^u
The Use of Paper Filters for Purifying Ventilating
Air From Viruses, by A. I. Shafir, N. M.
Fanshinskaya, A. A. Sinitskiy, A. V. Aver'yancova,
P. A. Kousov, 9 pp.

RUSSIAN, per, Gigiyena i Sanitariya, Vol XXII,
No 9, Moscow, 1957, pp 3-8.

US JPRS-L-551-N

Sci - Medicine
Jan 59

78, 344

A Geometrical Interpretation of the Oscillations
of an Elastically Suspended Rigid Body, by V. G.
Avin'yannova and F. M. Dimentberg, 19 pp 94
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,
Mekhanika i Mashinostroyeniye, No 6, Nov-Dec 64,
pp 10-19.
JPRS 277,732

USSR
Sci-Phys.
Apr 65

277,732

Distribution of Uranium and Thorium in the Granites
of Central Kazakhstan, by I. G. Mineyeva, I. N.
Aver'yanova, 20 pp.

RUSSIAN, per, Sovetskaya Geologiya, No 3, 1962,
pp 83-95.

JPRS 16090

USBR
Econ
Nov 62

217,597

Vulcanisation of E Poldimethylsiloxane Rubber by
Radiation, by I. Ya. Poddubnyy, V. N. Kartsev, *Y*
S. V. Averyanov, Yu. V. Tranko, L. A. Averyanov,
V. F. Evdoldimov, 9 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 9, 1960,
pp 5-14.

RAPRA

4
Sci

Jul 61

167, 314

A Method of Estimation of the Concentration of
Chlortetracycline in Fluids, Organs, and Tissues
of Animals by Means of Paper Disks,
by M. A. Bykova, L. L. Aver'yanova, 5 pp.

RUSSIAN, per Antibiotiki, Vol IV, No 6, 1979,
pp 96-99.

CB

165,458

Sci

Jul 61

S-3020

(DC-1536)

Penicillin-Ekmo, by Ye. N. Lazareva, R. S.
Glagovskaya, L. L. Aver'yanova, A. M. Savelyeva,
7 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Antibiotiki, Vol II, No 5,
Moscow, Sep/Oct 1957, pp 49-53.

US JPRS/DC-L-598

Sci - Medicine

69, 586

Effect of Metallic Ions on the Properties of
Ethylcellulose. III. Relation of the Elasto-Plastic
Characteristics of Ethylcellulose Gels to the Sodium
Ion Content in them, by S. A. Glikman, O. G.
Efremova, V. M. Averyanova, ~~NY~~ 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 8,
1954, pp 1427-1432. CIA C 41477

Consultants Bureau

33, 3/0

Scientific - Chemistry
Apr 56 CTS/dex

Preliminary Data on the 6 November 1953
Earthquake and Tsunami, by V. N. Aver'yanova, 91
S. A. Medotov, and M. D. Perchev, 13 pp.
RUSSIAN, for, Bulletin' sovets po seysmologii,
problemy tsunami, No 9, 1961, pp. 69-93.
JPRS 31009

V. N. AVER'YANOVA

UNCSF
Sci-Gen/A
Aug 65

233,643

A Comparison of the Experimental Data of Three
Kamchatka Earthquakes With Existing Force Models
of a Focus, by V. N. Aver'yanova, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10,
1962, pp 1340-1356.

AGU

Sci
Jun 63

233,889

Some Results of a Detailed Study of the Seismicity
of the South Kuril Islands, by S. A. Fedotov, V. N.
Aver'yanova, A. M. Bagdasarova, 8 pp.

RUSSIAN, per, IZ AK Nauk SSSR, Ser Geofiz, No 5, 1961,
pp 633-642.

AGU

Sci

170,313

Oct 61

Patterns of Orientation of Movement During
Kurile-Kamchatka Earthquakes and Possibility of
Tsunami Zoning, by V. N. Aver'yanova, 18 pp.
RUSSIAN, bk. Problems Tsunami, Moscow, 1968.
pp 109-120.
JPRS 47967

V. N. AVER'YANOVA

Sci-Ear Sci
May 69

381,614

Volcanic-Tectonic Structures in Southern
Kamchatka, by V. V. Aver'yev, A. Ye. Svyatlovskiy,
2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,
No 6, 1961.

AGI

Sci

Nov 62

217,941

High-Frequency Ceramics Based on Wollastonite,
by V. G. Avetikov, E. I. Zin'ko, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVII,
No 3, 1960, pp 25-28.

CB

Sci

Sept 62

210,328

The Use of Lithium Compounds in the Ceramic Industry, by V. G. Avetikov, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XIV, No 12, 1957, pp 10-13.

CB

Sci
Aug 60

124,631

Reactions Taking Place During the Vitrification
of Plastic Steatite Bodies, by V. G. Avetikov, E. I.
Zin'ko, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XV, No 7,
1958, pp 29-32.

CB

Sci

129,224

Oct 60

Effect of the Composition of Vitreous-Phase
Stentite Upon Some of Its Properties, by V. G.
Avetikov, P. P. Badnikov, E. I. Zinko, 7 pp.

RUSSIAN, no per Zhur Prik Khim, Vol XXVIII, No 7,
1955, pp 673-687. CIA C 40838

0

Consultants Bureau

Sci - Chemistry
Mar 56 CTS/dex

31,546

(NY-6117)

Absorption and Elimination of Foreign Antigenic
Substances by Cells in Certain Tissue Cultures,
by S. G. Avetikyan, O. A. Karasik, 11 pp.

RUSSIAN, per, Tsitologiya, Vol III, No 1, 1961.

JPRS 9339

Sci
Jul 61

159,851

(NY-3427).

"The Influence of X-Irradiation on "Chronic" Foci
of Autoinfection, by B. G. Avetisyan, A. G.
Artemova, 5 pp.

RUSSIAN, per, Medit Radiolog, No 1, 1959,

JPRS 2286

Sci - Medicine

Oct 60

130,949

(FDD 28199)

On the Role of the Nervous System in
Immunological Reactions - Report I, by
B. G. Avetikyan, 3 pp.

RUSSIAN, no per, Zhur Mikrobiol Epidemiol i
Immunobiol, No 5, Moscow, May 1956, pp 52,53.

NIH
CIA/FDD U-8811

Sci - Medicine, physiology
Oct 56

SLA-R-2741 39,677

Immunological Reaction in Fishes, by B. G.
Avetikyan, 14 p.

RUSSIAN, per, Trudy Soveshchaniy Ak Nauk SSSR,
Ikht Kom, 1958, No 8, pp 387-392.

SLA 59-20954

Sci
Mar 60
Vol 3, No 1

SH211
E82
NO. 221

119,843

(FOD 28200)

On the Role of the Nervous System in Immunological
Reactions - Report II, by B. G. Avetikyan, M. O.
Melkumyan, 3 pp.

RUSSIAN, no par, Zhur Mikrobiol, Epidemiol i Im-
munobiol, No 5, Moscow, May 1956, pp 53, 54.

1714 3-12
CIA/FOD U-8812

Sci - Medicine, physiology
Oct 56

39,624

SLA-R-2742

68
Susceptibility of Cotton to Wilt as a Function of the
Water Regime of Soil and Plant, by A. Avetisyan,
M. Sushetyan.
RUSSIAN, per. in Ak Rusk Armysenskoj SSR, Vol XV,
No 1, 1962, pp 59-62.
CEIRO No 8457

Sci - Agri
Apr 64

257,257

Test Drilling of a Deep Well With an 8" Electrodrill,
by A. A. Avetisyan, G. O. Amirdzhanyants, UNCL

RUSSIAN, per, Neft Khoz, Vol XXXVI, No 3, 1958,
pp 12-15.

ATS RJ-1767

Sci - Engr

Dec 59

103,499

On the Approximation of Continuous Functions by
Entire Functions on the Real Axis, by G. M.
Avetisyan, 16 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Matemat,
No 5 (12), 1959, pp 3-15. 9076990

MDF A-147

Sci - Eng

Mar 61

142,613

Agriculture, Its Problems and Essential Concerns, by G. Avetisyan, 5 pp.

RUSSIAN, np, Izvestiya, Jul 25, 1964,
p 3.

JPRS 27663

Sci-Agriculture
Jan 65

272,102

Stabilization of Polystyrene Latex by
Nonionic Emulsifiers, by I. S. Avetisyan,
T. V. Bakaeva, 2 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vkol XXV, No 2,
Mar, Apr, 1963, pp 143-145.

CB

Sci
Aug 64

264,582

Photosynthesis in Various Kind of Vine Shoots, by
M. Tseitlin, S. Avetisyan.

RUSSIAN, per, Vinodelie i Vinogradarstvo SSSR,
Vol. I, No 208, 1962, pp 32-34.

CSIRO/No 6306

Sci-Biol

Oct 63

241, 415

Combustion of Lean Gases, by L. B. Avetisyan, et
al. UNCL

RUSSIAN, per, Gaz Prom, No 4, 1957, pp 22-27.

Co-op Tr Scheme 644

12. 8a. 03. in U.K.

13. 12a. 03. elsewhere

Sci - Pusan

Sep 59

SLP: 645375

95, 844

CHINESE
Characteristics of Electromagnetic Cascades in
Photoemissions with account of the Influence
of the Medium on the Radiation Process, by A. A.
Varfolomeyev, E. I. Golenko, I. A. Avetisyan,
3 PP. ^D

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp 785-787.

SLA 59-17406
Amer Inst of Phys
Sov Phys - Doklady
Vol III, No. 5

91,785

Sci - Phys

Preparation of Copolymers of Vegetable Oils With
Chloroprene, by A. Ya. Drinberg, B. M. Fundyler,
L. V. Avetova, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Prii Khim, Vol XXVII, No 6,
1954, pp 684-686. CIA C 39522

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,332

Common-Chain Polymers and Copolymers. Communication
6. Synthesis and Polymerization of 1,1-Dichloro-
2-fluoroethylene, by G. S. Kolesnikov, H. G.
Avestyan, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1959, pp 331-351.

Consultants Bureau

Sci - Chem

Apr 60

113,227

(FDD 28201).

On the Role of the Nervous System in Immunological Reactions, by B. G. Avetisyan, A. A. Totolyan, N. I. Alaverdyan, 11 pp.

RUSSIAN, no per, Zhur Mikrobiol. Epidemiol i Im-
munobiol. No 5, Moscow, May 1956, pp 54-59.

N/H 3-170
CIA/FDD U-8613.

Sci - Medicine, physiology
Oct 56

39,623
SLA R-2743

The production on a vinyl acetate-butyl
Acrylate Copolymer Suitable for the
Manufacture of Emulsion Paints, by

L. S. Avetisyan, et al.

RUSSIAN, PER, Lakokrasochnye Materialy
i Ikh Primenenie No 2, 1964, p 13-15.

TTIS NS 235

Apr 67

323 143

Investigation Of Structure Formation In Emulsion Paints,
by I. S. Avetizyan, K. A. Pospelova, S. S. Drezels, P. I.
Zubov.

RUSSIAN, per. Lakokrasochnye Materialy i Ikh Primenenie
(USSR), 1965, p22-5

TTIS-202 869, TTIC-NS-448

I. S. Avetizyan

344,915

Synthesis, Polymerization and Copolymerization of
1, 1-Dichloro-2-Fluoroethylene, 1-Chloro-2-Fluoro-
Ethylene, 1, 1-Dibromo-2-Fluoroethylene and
1-Bromo-2-Fluoroethylene, by G. S. Kolesnikov,
M. G. Avetyan.

RUSSIAN, per, Iz Ak Nauk Armyanskoy SSR, Vol XI,
No 3, 1958, pp 201-209.

MLL M. 3430

Sci - Chem

194, 024

Apr 62

The Synthesis and Investigation of the Chlorination
Products of Acetylenyldivinyl (1, 3-Hexadiene-
5-Inc), by A. N. Akopyan, A. M. Sankyan, M. G.
Avetyan, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1221-1224.

Consultants Bureau

Sci - Chem
Jul 59

93, 274

Processing of a Single Plane Reconnaissance Air
Survey Without Special Ground Control Points, by
V. I. Avgeyich.

RUSSIAN, per, Trudy Moskov Inst Inzhenerov Geodezii,
Aerofoton'yemki, ~~№~~ 1 Kartografii, No 16, 1953,
pp 51-57.

ACIC

Sci - Geophys

180, 813

Jan 62

Pyrotherms and Heats of Adsorption of
Necpentane and Carbon Tetrachloride
Vapor on Graphitized Carbon Black.
by N.H. Avgul¹, A.V. Kiselev, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 5, 1962, pp 769-776.

CB

Sol

Mar 63

232,608

Isotherms and Heats of Adsorption of Alcohols on
Carbon Blacks of Various Degrees of Graphitization,
by N. H. Avgul', A. V. Kiselyev, et al, 6 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXIII, No 4,
1961, pp 369-375.

CB

Sci
12 Jun 62

198,992

Adsorption and Heat of Adsorption of Isomeric
Butanols on Graphitized Carbon Blacks, by
N. K. Avgul', A. ~~XX~~ V. Kiselev, et al, 7 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXIII, No 5,
1961, pp 513-520.

CB

Sci
Aug 62

208,020

The Adsorption Energies of Water, Alcohols, Ammonia,
and Methylamine on Graphite, by N. N. Avgul,
A. V. Kiselev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Khim Nauk, No 8, 1961, pp 1404-1410.

CB

Sci

Jul 62

202,696

The Adsorption Energies of CO_2 , SO_2 , $(\text{CH}_3)_2\text{CO}$
and $\text{C}_2\text{H}_5)_2$ on Graphite, by
N. N. Avgul, A. V. Kiselev, 8 pp.

RUSSIAN, ~~per~~, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1961, pp 1395-1403.

CB

Sci

Jul 62

202,695

Adsorption and Heat of Adsorption of Diethyl
Ether, Acetone and Acetic Acid Vapors on
Graphitized Carbon Black, by N. N. Avgul', et al,
8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, & Otdel Khim Nauk,
No 12, 1961, pp 2116-2124.

CB

Sci
Sep 62

211,819

The Adsorption and Heat of Adsorption of Normal
Alcohols on Graphitized Carbon Black, by
N. N. Avgul', G. I. Berezin, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Khim Nauk, No 2, 1961, pp 205-213.

CB

Sci

Jun 62

198,796

Adsorption Energy of Hydrocarbons on Graphite, by
N. N. Avdulov et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol : CXII,
No 4, 1957.

Primary Sources

\$5.75

50,721

Sci - Physics; Chem
Aug 57

Adsorption and Heat of Adsorption of Pyridine and Benzene Vapor on Graphitized Carbon Black, by N. N. Avgul', A. V. Kiselev, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSR, ~~0141~~ Otdel Khim Nauk, No 1, 1962, pp 32-37.

CB

Sci

Aug 62

214,584

Investigation of the Structure of Adsorbents by
Independent Methods, by N. N. Avgul & Others, ~~USSR~~.

RUSSIAN, per, Dok.Akad.Nauk SSSR, Vol LXXVI, No 6,
1951, pp 855-858.

Insdoc T.708

USSR
Scientific - Chemistry

28, 265

Nov 55
CIB/DEX

Indian Nat.Sci. Documentation Ct
Nat. Physical Lab of India,
Hillside Rd, New Delhi-12

Capillary Condensation of Vapours and Structure
of the Pores in Active Carbon, by N. H. Avgul,
C. M. Dehigit, A. V. Kiselev,

three - no
RUSSIAN, *a* per, Dok Ak Nauk SSSR, Vol ~~LXXXIX~~ LXXXIX,
No 1, 1953, pp 97-99.

TPA3/TIB
T 4333

20,866

Scientific - Chemistry

Feb 55 CTS

Energy of Adsorption Forces and Heat of Adsorption
of n-Alkanes ~~1957~~ on Graphitized Carbon Black,
By N.E. Avdey, G.I. Berezin, A.V. Kiselev, I.A.
Lygina, 1959 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9.
1957, pp 1021-1031.

Consultants Bureau

Sci - Chem

May 59

87,183

Adsorption Equilibria and the Energy of Adsorption
Forces, by N.H. Avgul, A.A. Isirikyan, A.V. Kiselev,
I.A. Lygina, D.P. Poshkus, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1957, pp 1314-1327

Consultants Bureau

Sci - Chem

May 59

86,996

/
Nature of Adsorption by Zeolites. Heat of
Adsorption of Benzene and n-Hexane Vapors,
by Zeolite 13X, by N. N. Avgul, A. V. Kiselev,
6 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,
Mar, Apr, 1963, pp 129-135.

CB

Sci
Aug 64

264,580

9

Adsorption and Heat of Adsorption of n-Pentane and
n-Hexane on Barium Sulfate, by N. N. Avgul,
G. I. Berezin, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1960, pp 1948-1954.

CD

Sci
May 62

192,874

Heat of Adsorption of Benzene vapor on Carbon
Blacks. Thermodynamics of the Process and the
Adsorption Forces, by N. N. Avgul, G. I. Bere-
zin, A. V. Kiselev, I. A. Lygina, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1956, pp 130⁴-1311.

Consultants Bureau

Sci - Chem

Jun 58

65,469

by N. M. Avdul, A. V. Kiselev, 6 pp.

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR, Vol CXII,
No 4, Jan/Feb 1957, pp 673-676.

Consultants Bureau

Sci - Chemistry
Doc 57

56, 833

V
Adsorption of Vapours on a Non-Porous Active
Carbon Black, by N. N. Avgul, O. M. Dzhit, A. V.
Kiselev, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXVI, No 1, 1952, pp 95-98.

Sci Trans Center
RT-2171

21,469

Scientific - Chemistry

Feb 55 CTS/DEX

A New Sampling Device for Chromatographic Analysis,
by K. V. Chmutov, V. T. Avgul,

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, No 3, 1957,
pp 724-725.

ATS RJ-951

Sci - Eng
Jul 59

91,260

Synthesis of Trialkylbutadienylsilanes, by S. I.
Sadykhzade, I. V. Avgushevich, A. D. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 4,
1957, pp 662-665.

Consultants Bureau

Sci - Chemistry
Jul. 58

66,771

Calculation of the Adsorption Energy of Nonpolar
Molecules on Graphite, by N. N. Avgul, A. V.
Kiselev, I. A. Lygina, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
Z No 7, 1959, pp 1196-1206.

CB

Sci

Jul 61

162,432

Heat of Adsorption of Hexane Vapours on
Carbon Blacks. Thermodynamics and
Adsorbed Forces, by N. N. Avgul.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX,
No 3, 1956, pp 2106-2121.

NLL M.4064

Sci - Chem

186, 696

Feb 62

Heats of Adsorption of Toluene and Various Isoparaffins and Naphthenes on Graphitized Carbon Black, by N. M. Avgul', G. I. Berezin, A. V. Kiselev, 10 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2 1959, pp 787-796.

CB

Sci -
May 61

153, 243

Measurement of the Dynamic Parameters of Thin
Magnetic Films During the Manufacturing Process,
by V. I. Avgust.
RUSSIAN, par, Izv VUZ Priborostroyeniye, No 11,
1958, pp 53-56.
FID HT Special 373-70

V. I. Avgust
Sci-Mat
Dec 70

Methods of Testing Refractories for Resistance to
Slag Action, by A. Avgustinik.

RUSSIAN, per, Keromika i Steklo, Vol XI, No 6,
1930.

Brutcher Tr No 798

Scientific - Minerals/Metals

\$2.90

7583

Interaction of Certain Refractory Carbides With
Zirconium Dioxide, by A. I. Avgustinik, et al. 45
RUSSIAN, per, Omeupory, No 12, 1964, pp 570-575.
NASA TT F-9349

Sci-Chem
Jun 65

281,092

Investigation of the Elastic Properties of Certain
Ceramic Compositions, by V. Z. Petrova, A. I.
Avgustinik, 7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 8, 1959,
pp 1678-1694.

CB

Sci
May 62

195,266

61-27043

Avgustinik, A. I.
CERMETS (Kermety). July 61 [34]p. 79 refs. RTS 1786.
Order from OTS or SLA \$3.60 61-27043

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo.
Zhurnal (USSR) 1960, v. 5, no. 2, p. 156-168.
Another trans. is available from OTS or SLA \$6.60 as
61-11568, JPRS-7201, 29 Nov 60, 62p.

DESCRIPTORS: *Cermets, *Powder metallurgy,
Oxides, Carbides, Borides, Nitrides, Silicides, Pre-
paration, *Ceramic materials.

For abstract see Technical Translations S: 370, 1961.

(Materials--Ceramics, TT, v. 8, no. 10)

- I. Avgustinik, A. I.
- II. RTS-1786
- III. Department of Scientific and
Industrial Research
(Gr. Brit.)

C226184

Office of Technical Services

The Strength of Ionic Bonds in Pyrophyllite
After Ignition, by A. I. Avdeyev, L. V.
Kozlovskiy, 5 pp.

RUSSIAN, 1959.

SLA 589-12220

Sci
Vol IV, No 7
May 62

194, 311

(NY-4883)

Cermets, by A. I. Avgustinik, 62 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I.
Mendeleyev, Vol V, No 2, 1960, pp 156-168.

JPRS 7201

Sci - Chem

Mar 61

Sci: 61-4568

142,448

Investigation of the Thermal Expansion of Solid
Solutions of Ferromagnetic Materials in the
Systems $\text{NiO-ZnO-Fe}_2\text{O}_3$ and $\text{CuO-ZnO-Fe}_2\text{O}_3$, by A. I.
Avgustinik, E. I. Vasilyev, 6 pp.

RUSSIAN, no per, Zhur Prik Khim SSSR, Vol XXIX,
No 6, Jun 1956, pp 941-944.

3
Consultants Bureau

Sci - Chemistry
May 57

47,175

Phase Diagram of the HF-HFC System, by R. G. Avarbe,
A. I. Avgustinik, et al, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXV, 1962,
pp 1976-1980. 9209178

ABC-Tr-5645

Sci - Phys

Jul 63

236,177

Phase Diagram of the Hf-HfC System, by R. G. Avarba,
A. I. Avgustinik, et al, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, 1962,
pp 1976-1980. 9209178

AEC-Tr-5645

Sci - Phys

Jul 63

236,177

Acceleration of Porcelain Production, by A. I.
Avgustinik, V. M. Loginov, 10 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 8, 1958,
pp 1150-1159.

Consultants Bureau

Sci - Chem

Aug 59

94, 66 3

Measuring the Changes in the Specific Surface of
Highly Dispersed Materials by the Torsion-Balance
Method, A. I. Avgustinik, V. D. Dzhanis, 6 pp.

~~RUSSIAN, no rev, Zhov Prikl Khim USSR~~

~~The Journal of Applied Chemistry of the USSR,
Vol XXIV, No 4, Apr 1951, pp 471 - 477 (Russ p 433).~~

p 433 - 435.

Consultants Bureau
New York

A 372

USSR

The Microhardness and Coefficient of Linear
Expansion of Several Glasses of the Porcelain
Glass Phase Type, by A. I. Avgustinik, E. P.
Fedorova, 5 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVI, No 9,
USSR, Sep 1953, pp 925-930.

CIA C 36693

Consultants Bureau

Scientific - Chemistry

Dec 54 CTS

19,710

Solution of Alumina in Feldspar Melts, by V. Z.
Petrova, A. I. Avgustinik, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 12,
1959, pp 2788-2790.

CB

Sci

Nov 60

133,194

The Relationship Between the Charge and Radius of
Cations and Their Mineralizing Effect on the
Mullitization Process, by A. I. Avgustinik, M. F.
Nasarenko, V. A. Sviridenko, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 7,
1954, pp 782-~~83~~ 783. CIA C 39523

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,367

The Relationship Between the Stressed State of
Porcelain and Damping of Vibrations Induced In
It, by V. Z. Petrova, A. I. Avgustinik, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 7,
1959, pp 1445-1461.
(50)

CB

122,416

Sci

Aug 60

A Study of the Stabilization Conditions and
Stability of ZrO_2 , by L. P. Kachalova, A. I.
Avgustinik, 6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXII, No 7,
1959, pp ~~1451~~ 1451-1456.

CB

Sci

122,418

Aug 60

Some Properties of High-Alumina Glasses, by A. I. Avgustinik, 3 pp.

RUSSIAN, bk, Proceedings of a Conference on the Structure of Glass, Academy of Sciences USSR Press, Moscow-Leningrad 23-27 Nov 1953, pp 227-229. 9042311

CB

Sci - Chem

Oct 59

The Strength of Ionic Bonds in Pyrophyllite After
Ignition, by A. I. Avgustinik, L. V. ~~BAK~~ Kozlovsky,
6 pp.

RUSSIAN, per, Zhurn Prik Khim, Vol XXIX, No 7,
Jul 1956, pp 1035-1039.

Consultants Bureau

Sci - Chemistry
Jun 57

48, 602

Solution of Quartz in Feldspar Melts, by V. L.
Petrova, A. I. Avustinik, P. F. Konovalov, E. P.
Konovalova, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 10,
1959, pp 2351-2353.

CB

Sci

127,366

Sep 60

Relationship Between Some Properties of Refractory
Silicate Systems and Their Composition, by
A. I. Avgustinik.

RUSSIAN, per, Ogneupory, Vol XII, No 4, 1947.

Butcher Tr No 2105
(Bureau of Mines, Electrotechnical
Experiment Station, Norris, Tenn)

Scientific - Minerals/Metals

\$8.40

2714

Investigation of the Elastic Properties of
Ceramic Compositions, by V. Z. Petrova, A. I.
Avgustinik, 7 pp.

RUSSIAN, for: Zhuravskii, Vol XXII, No 9,
1959, pp 1678-1684.

GB

Sci

Aug 60

123,712